Product Datasheet

IL15RA Antibody

Catalog No: #31223

Package Size: #31223-1 50ul #31223-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	IL15RA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total IL15RA protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 250-264 amino acids of Human interleukin 15 receptor, alpha
Target Name	IL15RA
Other Names	interleukin 15 receptor, alpha, CD215
Accession No.	Swiss-Prot:Q13261Gene ID:3601;
Uniprot	Q13261
GeneID	3601;
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

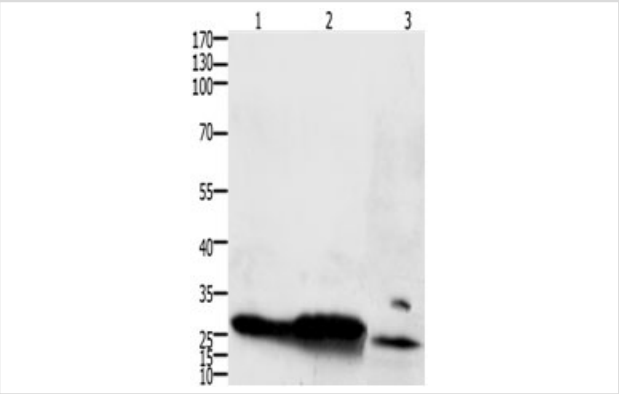
Application Details

Predicted MW: 28kd

ELISA: 1:1000-1:5000

Western blotting: 1:1000-1:5000

Images



Gel: 10%SDS-PAGE
Lane1: Human liver cancer tissue lysate
Lane2: Human colon cancer tissue lysate
Lane3: Human fetal kidney tissue lysate
Lysates: 30ug per lane
Primary antibody: 1/200 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 1 minute

Background

This gene encodes a cytokine receptor that specifically binds interleukin 15 (IL15) with high affinity. The receptors of IL15 and IL2 share two subunits, IL2R beta and IL2R gamma. This forms the basis of many overlapping biological activities of IL15 and IL2. The protein encoded by this gene is structurally related to IL2R alpha, an additional IL2-specific alpha subunit necessary for high affinity IL2 binding. Unlike IL2RA, IL15RA is capable of binding IL15 with high affinity independent of other subunits, which suggests distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported.

Note: This product is for in vitro research use only